

AIR NIBBLER

Model No: SA28.V2

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- WARNING!** Disconnect from air supply before changing the punch and die, servicing or performing maintenance.
- ✓ Maintain the nibbler in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Non-authorised parts may be dangerous and will invalidate the warranty.
- ✓ Use in suitable clean and tidy working area, free from unrelated materials and ensure there is adequate lighting.
- WARNING!** Always wear approved eye or face and hand protection when operating the nibbler.
- ✓ Remove ill fitting clothing. Remove ties, loose jewellery, and contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of working parts.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Check moving parts alignment on a regular basis.
- ✓ Ensure workpiece is secure before operating the nibbler. Never hold a workpiece by hand. Use a vice or clamps.
- WARNING!** Ensure correct air pressure is maintained and not exceeded. Recommended pressure 90psi.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
- ✓ Prolonged exposure to vibration from this nibbler poses a health risk. It is the Employers/Owners and operator's responsibility to correctly assess the potential hazard and issue guidelines for safe periods of use and offer suitable protective equipment.
- x **DO NOT** use any power source except an air compressor.
- x **DO NOT** operate the nibbler near any inflammable substance or on any container that once contained an inflammable substance.
- x **DO NOT** use the nibbler for a task it is not designed to perform.
- x **DO NOT** operate nibbler if any parts are damaged or missing as this may cause failure and/or personal injury.
- x **DO NOT** carry the nibbler by the hose, or yank the hose from the air supply.
- x **DO NOT** operate nibbler when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** carry the nibbler with your finger on the trigger.
- x **DO NOT** direct air from the air hose at yourself or others.
- x When not in use disconnect from air supply and store in a safe, dry, childproof location.
- WARNING!** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.



2. INTRODUCTION & SPECIFICATION

Well balanced robust construction with fingertip operated throttle control. Suitable for cutting intricate shapes in steel up to 1.5mm thick. Punch and die may be rotated through 360° to aid access and obtain maximum consumable life.

Model No:SA28.V2
Maximum Cutting Capacity:..... 1.5mm (Steel)
Free Speed:..... 3000rpm
Air Consumption:..... 4cfm
Operating Pressure:..... 90psi
Air Inlet Size:..... 1/4BSP
Weight:..... 1.0kg
Replacement Punch & Die Set:..... SA28PDKV2
Vibration 4.1m/s²
Noise power..... 91dB.A



Risk of Hand Arm Vibration Injury.

Air Nibbler model no. SA28.V2, when operated in accordance with these instructions and tested in accordance with BS EN 28662-1:1993, ISO 8662-1:1988 and BS EN 8662-10:1998 in the following vibration emission declared in accordance with BS EN12096:1996.

Measured vibration emission value: 4.1m/s² **Uncertainty:** 1.64m/s²

These values are suitable for comparison with emission levels of other tools that have been subject to the same test.

This tool may cause hand-arm vibration syndrome if its use is inadequately managed.

Recommended Measures to reduce risk of hand-arm vibration syndrome:

This tool should not be used by an individual regularly for more than 364 minutes in any 8 hour period.

This duration of use should be reduced if the individual is exposed to hand-arm vibration from other sources.

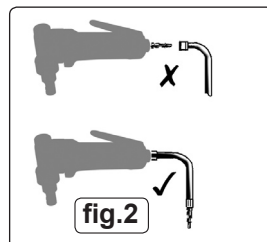
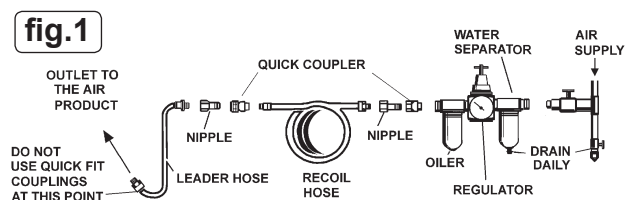
3. PREPARING NIBBLER FOR USE

3.1. Air Supply

- 3.1.1. Remove protective plug from air inlet and connect to the air supply as described below.
- 3.1.2. You will require an air pressure of 90psi, and an air flow according to the specification above.
- 3.1.3. **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the nibbler. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.
- 3.1.4. Drain the air tank daily. **Water in the air line will damage the nibbler and will invalidate your warranty.**
- 3.1.5. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig 1.
- 3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 3.1.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.

3.2. Couplings.

Vibration may cause failure if a quick change coupling is connected directly to the nibbler. To overcome this, connect a leader hose to the nibbler. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig 1 & 2.



4. OPERATING INSTRUCTIONS

- ☐ **WARNING!** Ensure you read, understand and apply safety instructions before use.
- 4.1 The nibbler should be set up for use before connecting to the air line.
- 4.2 In order to improve access to the workpiece, the die can be rotated through 360°. To do this, loosen the locknut with a 22mm spanner (see fig.3-2). Rotate the die (see fig.3-1) on the punch until it is in the right position for the job in hand. Hold the die steady with a 15mm spanner on its flats and retighten the locknut (see fig.3-2).
- 4.3 Ensure that your workpiece is properly secured and marked out.
- 4.4 Connect the nibbler to the airline.
- 4.5 Start the nibbler by squeezing the throttle lever.
- 4.6 Introduce the sheet metal into the slot in the end of the die. Apply light pressure only to move the tool in the desired direction through the material.
- 4.7 Do not allow the nibbler to run freely for any length of time as this will damage the bearings.

5. MAINTENANCE

- ☐ **WARNING!** Disconnect the nibbler from the air supply before changing the punch and die, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
- 5.1. Lubricate the air nibbler daily with a few drops of the air tool oil supplied, dripped into the air inlet before use. (To re-order air tool oil use Sealey part Nos. ATO/500 or ATO1000.)
- 5.2. Loss of power or erratic action may be due to the following:
 - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in chapter 3.
 - b) Grit or gum deposits in the nibbler may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the nibbler out with gum solvent oil or an equal mixture of SAE No 10 oil and kerosene. Allow to dry before use. If you continue to experience problems, contact your local Sealey service agent.
- 5.3. For a full service contact your local Sealey service agent.
- 5.4. When not in use, disconnect from air supply, clean nibbler and store in a safe, dry, childproof location.
- 5.5 **Changing the punch and die. (see fig.3)**
 - 5.5.1 Loosen the locknut (see fig.3-2) and unscrew the die (with the locknut on it) from the main body of the nibbler. Place a 9mm spanner onto the hex section of the die collar as shown in fig.3 and undo and remove the die collar and punch.
 - 5.5.3 Remove the old punch from the collar and insert the new one. Screw the collar and punch back into place and tighten with the spanner.
 - 5.5.4 Slide the die and locknut over the punch and screw it back into the main body of the nibbler until the bottom of the punch is flush with the bottom of the die. Rotate the die into the position required by the workpiece. Hold the die steady with a 15mm spanner on its flats and retighten the locknut (see fig.3-2).



NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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